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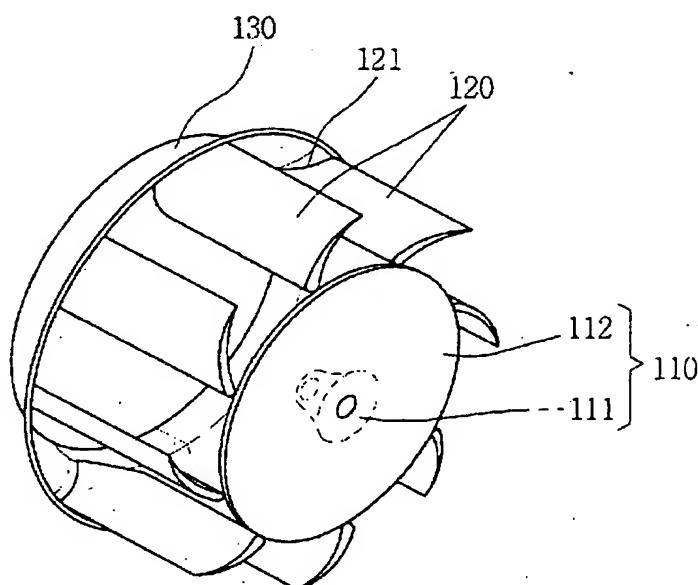
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(54) Title of Invention

INTEGRATED TYPE TURBO FAN AND METHOD FOR MANUFACTURING THE SAME

Representative drawing

(57) Abstract:



PURPOSE: An integrated type turbo fan and method for manufacturing the same is provided to reduce manufacturing cost by reducing the number of molds, while improving productivity by reducing manufacturing processes.

CONSTITUTION: An integrated type turbo fan comprises a hub disk (110) including a boss section (111) coupled to a shaft of a motor and a hub section (112) extended radially from the boss section; a plurality of blades (120) having ends radially connected to the hub disk; and a shroud (130) connected, with a predetermined curvature, to the other ends of blades. The hub disk has an outer diameter smaller than the inner diameter of the shroud, and blades have ends contacting the shroud and which are formed integrally with the shroud. A virtual line connecting inner ends of each blade has a diameter almost same with the outer diameter of the hub disk.

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